

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	239	"digital decimation filter"	US-PGPUB; USPAT	OR	ON	2006/11/03 15:43
S2	120	S1 AND @ad<"20000101"	US-PGPUB; USPAT	OR	ON	2006/11/06 09:53
S3	1	"6433906".pn.	US-PGPUB; USPAT	OR	ON	2006/11/06 07:48
S4	1	"6628738".pn.	US-PGPUB; USPAT	OR	ON	2006/11/06 07:48
S5	239	"digital decimation filter"	US-PGPUB; USPAT	OR	ON	2006/11/06 09:38
S6	120	S5 AND @ad<"20000101"	US-PGPUB; USPAT	OR	ON	2006/11/06 09:38
S7	3	S6 AND GSM	US-PGPUB; USPAT	OR	ON	2006/11/06 09:38
S8	15212	CDMA AND GSM	US-PGPUB; USPAT	OR	ON	2006/11/06 09:53
S9	14	(CDMA ADJ2 filter) AND (GSM ADJ2 filter)	US-PGPUB; USPAT	OR	ON	2006/11/06 10:37
S10	14	GSM WITH decimation	US-PGPUB; USPAT	OR	ON	2006/11/06 11:07
S11	11	((("global system" WITH mobile) OR "GSM") AND ("code division multiple" OR "CDMA" OR "WCDMA")) NEAR filter	US-PGPUB; USPAT	OR	ON	2006/11/07 14:05
S12	241	((("global system" WITH mobile) OR "GSM") AND (decimation WITH filter))	US-PGPUB; USPAT	OR	ON	2006/11/09 07:31
S13	43	S12 AND @ad<"19990106"	US-PGPUB; USPAT	OR	ON	2006/11/06 11:13
S14	380	((("global system" WITH mobile) OR "GSM") AND ("code division multiple" OR "CDMA" OR "WCDMA")) AND (adaptive WITH filter)	US-PGPUB; USPAT	OR	ON	2006/11/07 08:17
S15	39	S14 AND @ad<"19990106"	US-PGPUB; USPAT	OR	ON	2006/11/07 08:17
S16	8	("5722053"   "5966666"   "6052366"   "6122270"   "6160801"   "6169733"   "6175746"   "6198730").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/07 09:03
S17	7	("5448201"   "5822704"   "5950119"   "5982807"   "6675024"   "6683919"   "6778594").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/07 09:24

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S18	18	("20010051507" "20020049075" "20020058491" "0049075" "5423064" "5745856" "5852772" "5937013" "5950119" "5963856" "0051507" "0058491" "6351236" "6397051" "6584304").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/07 09:56
S19	4	"6535561"	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/07 09:56
S20	14	("5471665"   "5500894"   "5648738"   "6005431"   "6313685"   "6351506"   "6400214"   "6420917"   "6424208"   "6426663"   "6476593"   "6535561"   "6577183"   "6606359").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/07 09:56
S21	11	("5008925"   "5020093"   "5257401"   "5841814"   "5930288"   "6009132"   "6058148"   "6167095"   "6195383"   "6208671"   "6236263").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/07 10:28
S22	4	("6385262").URPN.	USPAT	OR	ON	2006/11/07 10:37
S23	5	("5079734"   "5455782"   "5786778"   "5916301"   "5963153").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/07 10:42
S24	12	("4584701"   "5339264"   "5369710"   "5555516"   "5563819"   "5592404"   "5689571"   "5717619"   "5719572"   "5719573"   "5729229"   "5910908").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/07 11:06
S25	18	("6260053").URPN.	USPAT	OR	ON	2006/11/07 11:18
S26	5	("4523230" "6356594" "6487221" "6570907" "6590943").PN.	USPAT	OR	ON	2006/11/07 11:18
S27	3	("5668837"   "5745480"   "5754542").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/07 11:26
S28	32	("6169733").URPN.	USPAT	OR	ON	2006/11/07 11:26
S29	6	("4424492"   "4896320"   "5247515"   "5621345"   "5933467"   "6335954").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/07 13:39
S30	6	("5694414"   "5901349"   "5924019"   "6069923"   "6075996"   "6112059").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/07 13:52
S31	8	("5268905"   "5596609"   "5880687"   "5880973"   "6233594"   "6260053"   "6279019"   "6532273").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/07 13:57

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S32	6	("5079734"   "5408235"   "5617344"   "5621675"   "5646621"   "6057793").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/07 14:00
S33	6	("6279019").URPN.	USPAT	OR	ON	2006/11/07 14:01
S34	640	(("global system" WITH mobile) OR "GSM") AND decimat\$	US-PGPUB; USPAT	OR	ON	2006/11/07 14:05
S35	132	S34 AND @ad<"19990106"	US-PGPUB; USPAT	OR	ON	2006/11/07 14:06
S36	4	("20020150173"   "20040107078"   "6279019"   "6643675").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/08 10:01
S37	4	("20020150173"   "20040107078"   "6279019"   "6643675").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/08 10:22
S38	1	"6282184".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/08 13:41
S39	1	"6563841".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/08 15:02
S40	11	("20040162107" "5507010" "6014551" "6188718" "6351502" "6381471" "6389269" "6573808" "6766149" "6865376" "7054607").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/08 15:02
S41	39510	(("global system" WITH mobile) OR "GSM")	US-PGPUB; USPAT	OR	ON	2006/11/15 07:51
S42	6224	S41 AND @ad<"19990106"	US-PGPUB; USPAT	OR	ON	2006/11/09 07:31
S43	1984	S42 AND filter	US-PGPUB; USPAT	OR	ON	2006/11/09 07:37
S44	123	S42 AND filter AND decimat\$	US-PGPUB; USPAT	OR	ON	2006/11/09 08:11
S45	5	S42 AND (anti ADJ2 alias WITH filter)	US-PGPUB; USPAT	OR	ON	2006/11/09 08:27
S46	29	S41 AND (anti ADJ2 alias WITH filter)	US-PGPUB; USPAT	OR	ON	2006/11/09 08:29
S47	16	S42 AND (alias WITH filter)	US-PGPUB; USPAT	OR	ON	2006/11/09 08:27
S48	11	S47 NOT S45	US-PGPUB; USPAT	OR	ON	2006/11/09 08:28
S49	917	(anti ADJ2 alias WITH filter) AND (bandpass OR (band ADJ2 pass) filter)	US-PGPUB; USPAT	OR	ON	2006/11/09 08:30
S50	395	S49 AND @ad<"19990106"	US-PGPUB; USPAT	OR	ON	2006/11/09 08:30

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S51	70	(anti ADJ2 alias WITH filter) NEAR (bandpass OR (band ADJ2 pass) filter)	US-PGPUB; USPAT	OR	ON	2006/11/09 08:30
S52	32	S51 AND @ad<"19990106"	US-PGPUB; USPAT	OR	ON	2006/11/09 08:30
S53	12238	(("global system" WITH mobile) OR "GSM") AND "filter"	US-PGPUB; USPAT	OR	ON	2006/11/15 07:51
S54	1984	S53 AND @ad<"19990106"	US-PGPUB; USPAT	OR	ON	2006/11/15 07:52
S55	1	"6546026".pn.	US-PGPUB; USPAT	OR	ON	2006/11/15 11:51
S56	0	"programmable tap filter" WITH advantage	US-PGPUB; USPAT	OR	ON	2007/03/14 09:52
S57	5	"programmable tap filter"	US-PGPUB; USPAT	OR	ON	2007/03/14 09:54
S58	1141	square WITH root WITH cosine	US-PGPUB; USPAT	OR	ON	2007/03/14 09:55
S59	417	square WITH root WITH raised WITH cosine WITH filter	US-PGPUB; USPAT	OR	ON	2007/03/14 12:28
S60	137	S59 AND @ad<"19990106"	US-PGPUB; USPAT	OR	ON	2007/03/14 10:34
S61	1	S60 AND WCDMA	US-PGPUB; USPAT	OR	ON	2007/03/14 09:56
S62	46	S60 AND cellular	US-PGPUB; USPAT	OR	ON	2007/03/14 09:59
S63	15	S60 AND CDMA	US-PGPUB; USPAT	OR	ON	2007/03/14 10:41
S64	0	select WITH filter WITH GSM WITH CDMA	US-PGPUB; USPAT	OR	ON	2007/03/14 10:45
S65	323	select WITH filter AND GSM WITH CDMA	US-PGPUB; USPAT	OR	ON	2007/03/14 10:45
S66	26	S65 AND @ad<"19991220"	US-PGPUB; USPAT	OR	ON	2007/03/14 10:46

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S67	40	("3732500"   "3781705"   "3783397"   "3887222"   "3911366"   "4027264"   "4328591"   "4513249"   "4805126"   "4859958"   "4919640"   "4947361"   "4992747"   "5038115"   "5097221"   "5168508"   "5185762"   "5193210"   "5226057"   "5263048"   "5307517"   "5325204"   "5343496"   "5410750"   "5541959"   "5570350"   "5613230"   "5640385"   "5703874"   "5758275"   "5974101"   "5978362"   "6020783"   "6035213"   "6047171"   "6104934"   "6115409"   "6205334"   "6215812"   "6426983").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 10:51
S68	7	square WITH root WITH raised WITH cosine WITH filter WITH programmable	US-PGPUB; USPAT	OR	ON	2007/03/14 11:41
S69	1	S68 AND @ad<"19991220"	US-PGPUB; USPAT	OR	ON	2007/03/14 11:41
S70	15	square WITH root WITH raised WITH cosine WITH filter WITH tap	US-PGPUB; USPAT	OR	ON	2007/03/14 11:41
S71	10	S70 AND @ad<"19991220"	US-PGPUB; USPAT	OR	ON	2007/03/14 11:41
S72	7	square WITH root WITH raised WITH cosine WITH filter WITH CDMA	US-PGPUB; USPAT	OR	ON	2007/03/14 12:28
S73	1	S72 AND @ad<"19991220"	US-PGPUB; USPAT	OR	ON	2007/03/14 12:28
S74	3	("5559901"   "5870431"   "6141372").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 12:31
S75	3534	("CDMA" OR "WCDMA") AND tap	US-PGPUB; USPAT	OR	ON	2007/03/16 08:06
S76	575	("CDMA" OR "WCDMA") AND (tap ADJ2 filter)	US-PGPUB; USPAT	OR	ON	2007/03/16 08:07
S77	123	S76 AND @ad<"19991220"	US-PGPUB; USPAT	OR	ON	2007/03/16 08:07
S78	0	"GSM" WITH ("CDMA" OR "WCDMA") WITH select WITH tap	US-PGPUB; USPAT	OR	ON	2007/03/19 07:49
S79	3	"GSM" WITH ("CDMA" OR "WCDMA") WITH select WITH filter	US-PGPUB; USPAT	OR	ON	2007/03/19 07:50

## EAST Search History

S80	12	("20010051507"   "20020049075"   "20020058491"   "5423064"   "5745856"   "5852772"   "5937013"   "5950119"   "5963856"   "6351236"   "6397051"   "6584304").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/19 07:51
S81	10	("4979230"   "5212817"   "5239701"   "5265267"   "5276914"   "5303417"   "5519890"   "5579347"   "5640698"   "5711009").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/19 08:00
S82	0	program WITH filter WITH GSM WITH CDMA	US-PGPUB; USPAT	OR	ON	2007/05/10 08:19
S83	35	(program ADJ3 filter) AND GSM AND (WCDMA OR CDMA)	US-PGPUB; USPAT	OR	ON	2007/05/10 08:27
S84	1	S83 AND @ad<"20010101"	US-PGPUB; USPAT	OR	ON	2007/05/10 08:26
S85	0	GSM AND (WCDMA OR CDMA) AND @ad<"2001010"	US-PGPUB; USPAT	OR	ON	2007/05/10 08:27
S86	3238	GSM AND (WCDMA OR CDMA) AND @ad<"20010101"	US-PGPUB; USPAT	OR	ON	2007/05/10 08:27
S87	177	S86 AND ("multi-mode" OR "multi mode")	US-PGPUB; USPAT	OR	ON	2007/05/14 09:24
S88	1	"20030185327"	US-PGPUB; USPAT	OR	ON	2007/05/14 09:24